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Infrared (IR) Pellicle Beamsplitters



- 45/55 Average R/T Ratio from 3 - 5 μ m
- No Ghost Images from Second Surface Reflections
- Eliminate Beam Displacement
- [Pellicle Beamsplitters](#) for the VIS-NIR Also Available

Common Specifications

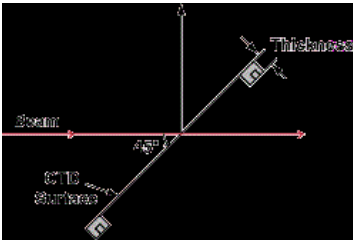
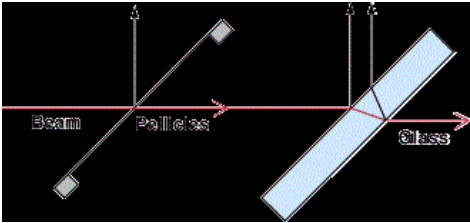
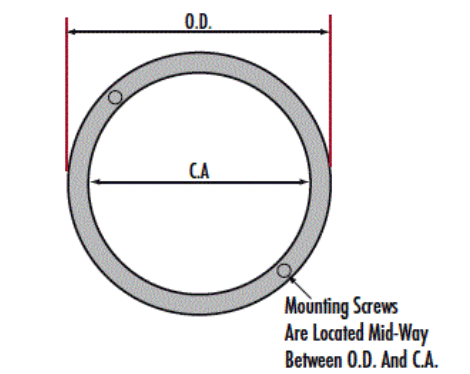
Physical & Mechanical Properties

Construction:	Pellicle	Housing:	Black Anodized Aluminum
Thickness (μm):	2 +0.3/-0.2		

Optical Properties

Coating:	Dielectric		
Coating Specification:	45/55 @ 3000 - 5000nm	Index of Refraction (n_d):	1.5
Reflection/Transmission Ratio (R/T):	45/55	Substrate:	Nitrocellulose
Surface Quality:	40-20	Wavelength Range (nm):	3000 - 5000

Technical Information



Products

Dia. (mm)	CA (mm)	Substrate	Reflection/Transmission Ratio (R/T)	Wavelength Range (nm)	Stock Number	Price	Buy
19.05	12.7	Nitrocellulose	45/55	3000 - 5000	#19-280	€236,00 Qty 11+ €201,00	3-4 days
34.90	25.4	Nitrocellulose	45/55	3000 - 5000	#19-281	€243,00 Qty 11+ €207,00	3-4 days
63.50	50.8	Nitrocellulose	45/55	3000 - 5000	#19-282	€317,00 Qty 11+ €270,00	3-4 days
88.90	76.2	Nitrocellulose	45/55	3000 - 5000	#19-283	€406,00 Qty 11+ €345,00	3-4 days
114.30	101.6	Nitrocellulose	45/55	3000 - 5000	#19-284	€640,00 Qty 11+ €543,00	3-4 days
165.10	152.4	Nitrocellulose	45/55	3000 - 5000	#19-285	€1.055,00 Qty 11+ €896,00	3-4 days



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